

FIG. 1

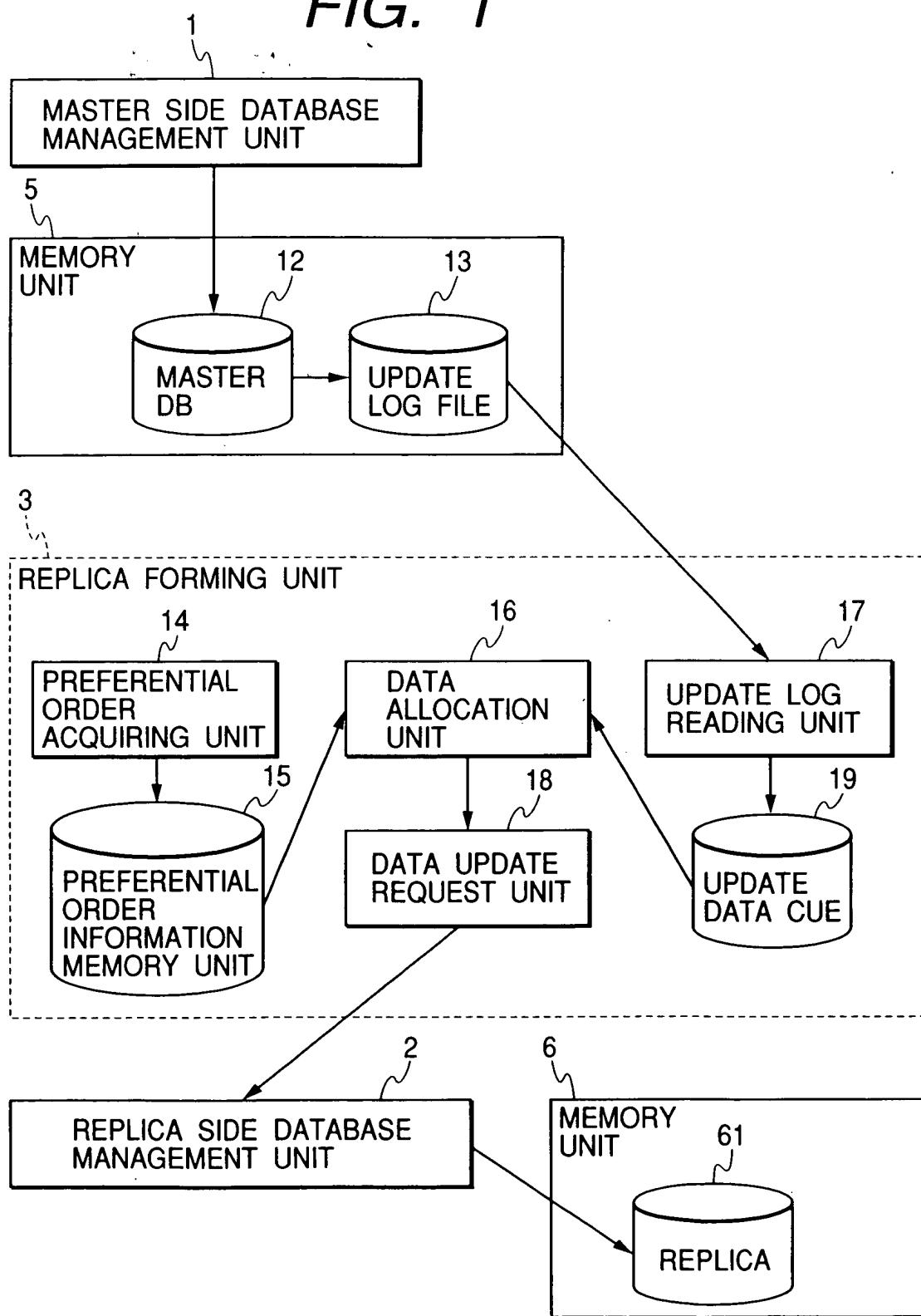


FIG. 2

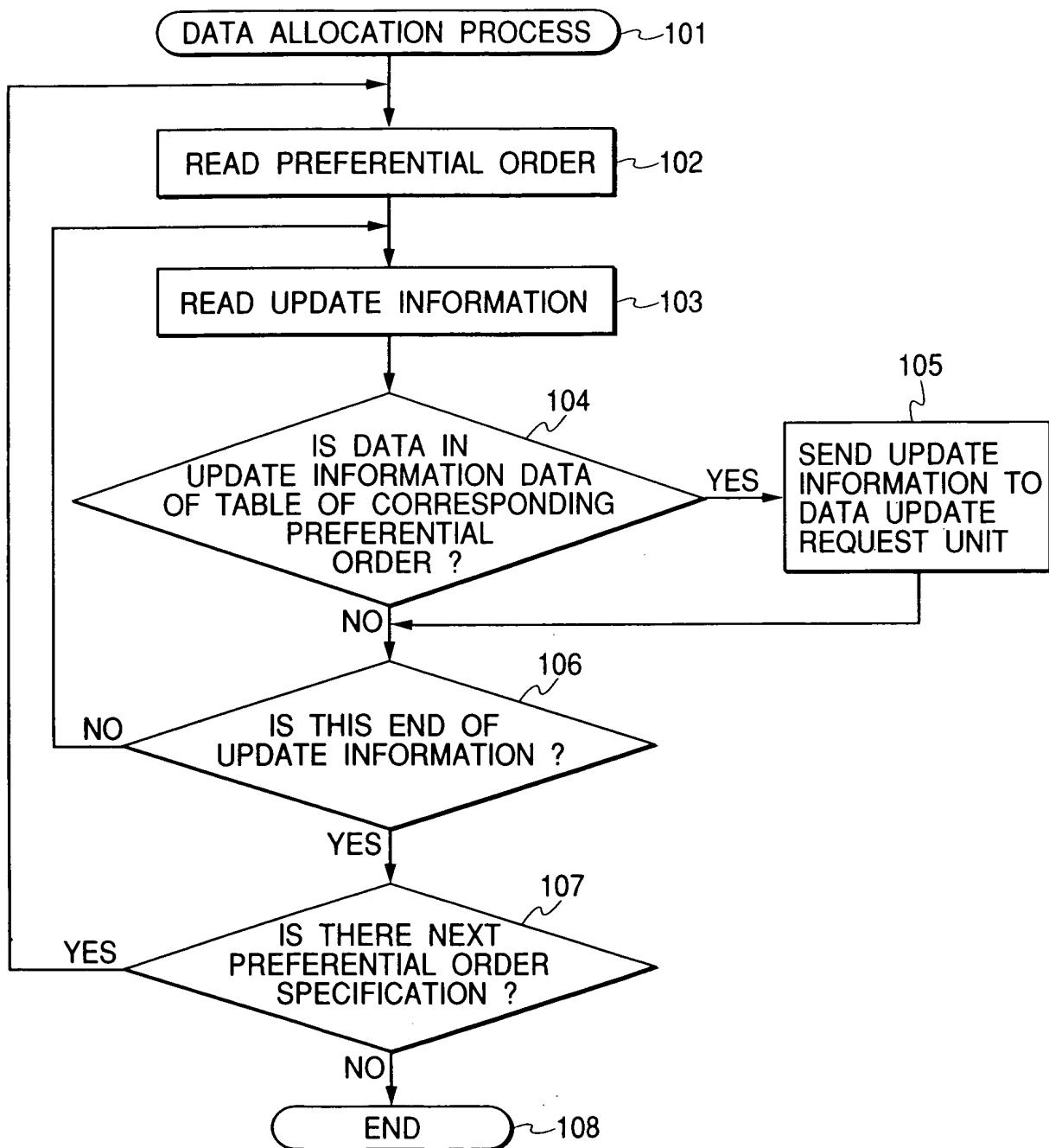


FIG. 3

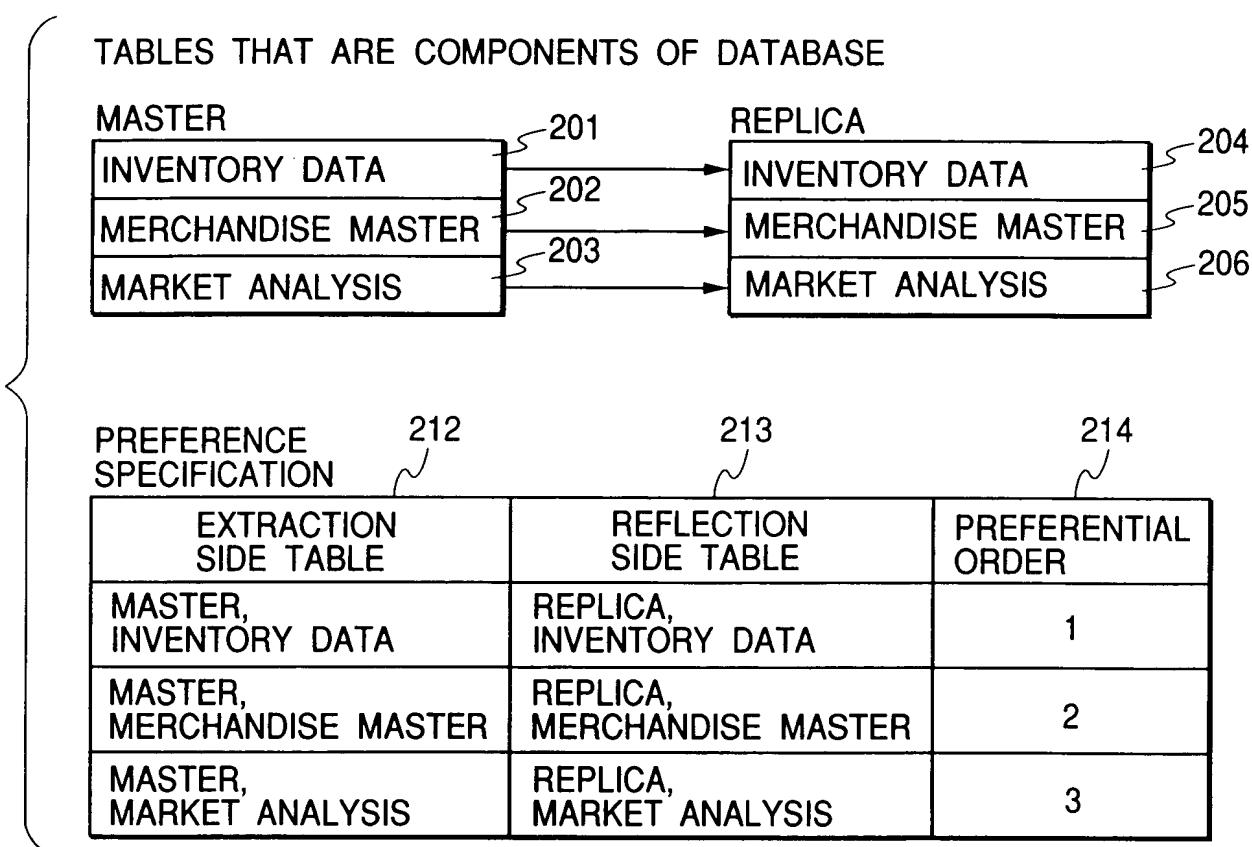
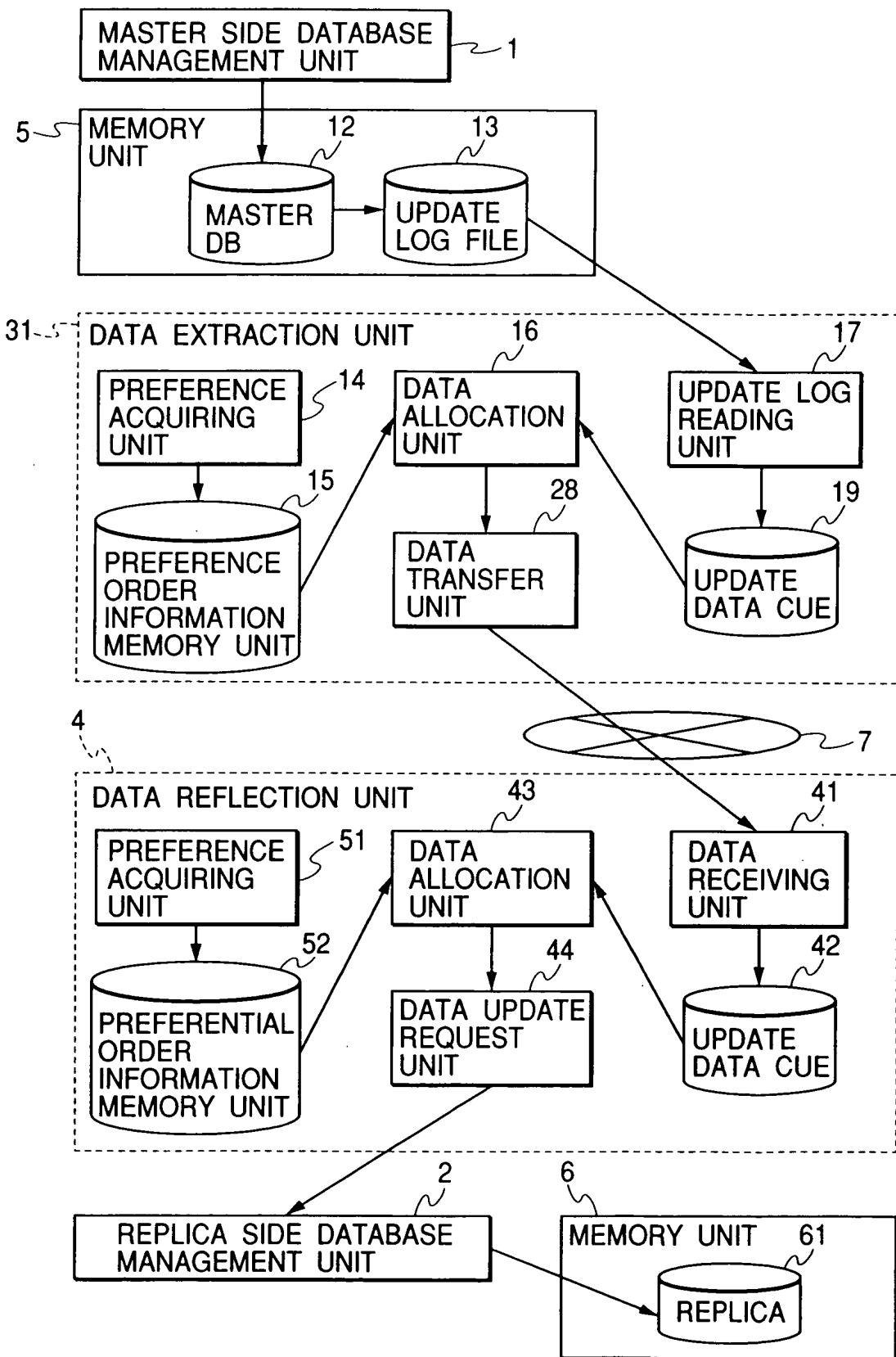


FIG. 4



## FIG. 5

INVENTORY DATA 301 302 303 304 305

MERCHANDISE CATEGORY	MERCHANDISE CODE	MERCHANDISE NAME	UNIT PRICE	INVENTORY
A	0001	A REFRIGERATOR	100,000	15
B	0002	B WASHING MACHINE	60,000	12
C	0032	C CLEANER	30,000	21
A	0230	B REFRIGERATOR	150,000	10

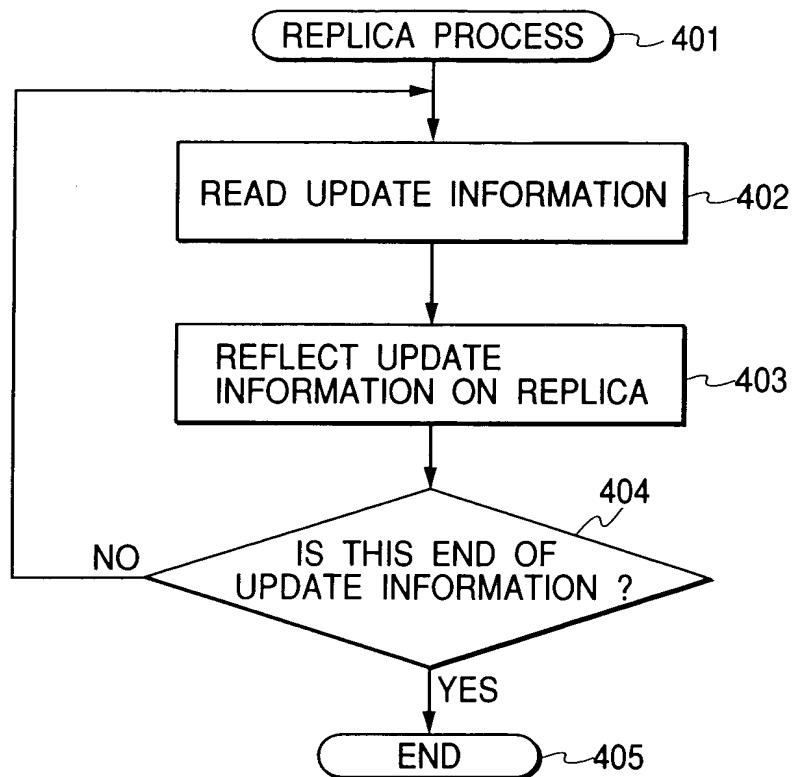
PREFERENCE SPECIFICATION a 311 312 313

REFLECTION TABLE	PREFERENTIAL KEY CONDITION	PREFERENTIAL ORDER
INVENTORY DATA	MERCHANDISE CATEGORY=A	1
	MERCHANDISE CATEGORY=B	2

PREFERENCE SPECIFICATION b 321 322 323

REFLECTION TABLE	PREFERENTIAL COLUMN	PREFERENTIAL ORDER
INVENTORY DATA	MERCHANDISE CATEGORY, MERCHANDISE CODE, INVENTORY	1
	MERCHANDISE NAME, UNIT PRICE	2

## FIG. 6 PRIOR ART



### UPDATE INFORMATION DATA CONTENT

UPDATE TABLE NAME 501	UPDATE TYPE 502	RECORD INFORMATION 503
INVENTORY TABLE	UPDATE	MERCHANDISE CATEGORY: A, MERCHANDISE CODE: 0001, INVENTORY: 20
MERCHANDISE MASTER	UPDATE	MERCHANDISE CODE: 0022, UNIT PRICE: 120,000
INVENTORY TABLE	UPDATE	MERCHANDISE CATEGORY: B, MERCHANDISE CODE: 0032, INVENTORY: 32
MERCHANDISE MASTER	INSERT	MERCHANDISE CODE: C, MERCHANDISE NAME: C CLEANER, UNIT PRICE: 42,000

FIG. 7

